
COMMODORE® AMIGA® 3000

High-speed Motorola® 68030 microprocessor running at either 16 or 25 MHz, 32 bit data bus, 68881 or 68882 math coprocessor, built-in disk drive, 94 key keyboard, mouse and system software (back-up disks included)

2 MB RAM standard (1 MB chip RAM, 1 MB fast RAM), expandable to 18 MB on the motherboard; 5MB RAM standard on 100MB hard disk model (1 MB chip RAM, 4MB fast RAM) (over 1 Gigabyte address space)

50 Megabyte, 19 millisecond hard disk with hard disk back-up and maintenance software included (100 MB hard disk model available)

AmigaDOS 2.0 Multi-tasking Operating System

4096 available colors with built-in Display Enhancer for NTSC compatible interlaced or flicker-free de-interlaced video; user definable resolutions including 320 x 200, 640 x 480, 768 x 480 and 1280 x 400

4 voice 2 channel stereo sound output with built-in speech synthesis

EXPANSION SLOTS

4 Zorro III expansion slots

2 PC AT™ expansion slots

1 video expansion slot

1 CPU/CACHE memory expansion slot

Built-in clock-calendar function with battery back-up

MODELS AVAILABLE INCLUDE:

A3000 with 16 MHz 68030 processor, 68881 math coprocessor and 19ms-50MB hard drive, 2 MB RAM

A3000 with 25 MHz 68030 processor, 68882 math coprocessor and 19ms-50MB hard drive, 2MB RAM

A3000 with 25 MHz 68030 processor, 68882 math coprocessor and 19ms-100MB hard drive, 5MB RAM



PROFESSIONAL COMPUTER

COMMODORE® AMIGA® 3000

CPU

Motorola MC68030 32-bit processor • 16 or 25 MHz clock speed

MEMORY

1 MB chip RAM standard, expandable to 2 MB • 1 MB fast RAM standard, expandable to 16 MB (over 1 Gigabyte address space) • 4MB fast RAM standard on 100MB hard disk models • Standard RAM is supported by the Amiga's proprietary AUTOCONFIG™ capability

SOFTWARE

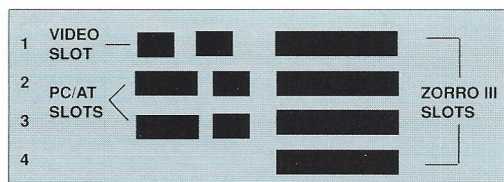
512 KB of 32 bit ROM • AmigaDOS 2.0 • Supports programmable resolutions
• New look windowing system • Supports programmable fonts

INTERFACES

Keyboard • Mouse/Joystick/Lightpen ports (2) • Serial (RS-232) • Parallel (Centronics)
• 15.75 KHz Video (RGB analog or RGB digital) • 31.5 KHz de-interlaced or scan-doubled RGB video
• Right and left stereo audio • Internal and External disk drive ports • Internal and External SCSI ports

SYSTEM SLOTS

CPU slot (200 pin) supports 32 bit data CACHE memory cards and/or advanced processors • Amiga system bus - Four 16/32 Zorro III expansion slots (100 pin) with AUTOCONFIG™ • PC bus - Two PC™ AT slots



How the Slots Work

If a MS-DOS compatibility is desired a bridgeboard may be placed in slot 2 or 3. When a bridgeboard is installed, the empty PC slot is capable of supporting a wide variety of XT or AT style boards. The remaining Zorro III slots support both 16 & 32 bit Zorro boards

VIDEO SLOT

1 RGB analog and RGB digital (12 bit) Video slot • In-line with standard 100 pin Zorro slot for easy integration of Zorro and video boards

KEYBOARD

Detachable • 94 keys, including 10 function keys • Separate numeric keypad • Separate cursor keys (inverted "T" layout)

MOUSE

Opto-mechanical • 2-button design

DISK DRIVES

Built-in 3.5" disk drive (880 KB formatted) • 50 MB, 19 millisecond hard drive • Pre-formatted and pre-loaded with system software and utilities (100 MB hard drive model available)

GRAPHIC MODES

User-definable resolutions range from 320 x 200 to 1280 x 400 (more with overscan) • User-definable color palette of 4096 colors • 2 to 4096 colors displayable on-screen (depending on selected mode)

VIDEO DISPLAY OUTPUTS

Non-interlaced low resolution 15.75 KHz video (320 x 200 - 1280 x 200) • Interlaced high resolution 15.75 KHz video (320 x 400 - 1280 x 400) • De-interlaced high resolution (up to 640 x 400) or scan-doubled low resolution 31.5 KHz video
• Works with RGB analog, VGA or multi-scanning monitors (not all modes supported with VGA or RGB analog monitors)

SOUND

Four channel stereo sound, capable of reproducing complex waveforms. Built-in sound buffer up to 800 KB nominal • 8 bit D/A converter • 6 bit volume

SPEECH

Built-in English text-to-speech device, with controls for rate, pitch, volume, inflection and gender of voice

DIMENSIONS

15 1/2" deep x 14 1/2" wide x 4 3/4" high

WEIGHT

Approx. 20 lbs.

POWER REQUIREMENTS

110 volt/60 Hz 135 watt power supply

PROFESSIONAL COMPUTER

Commodore and the Commodore logo are registered trademarks of Commodore Electronics Limited
Amiga is a registered trademark of Commodore-Amiga, Inc.
AUTOCONFIG is a trademark of Commodore Electronics Limited
Motorola is a registered trademark of Motorola Inc.
PC AT is a trademark of International Business Machines Corporation
Specifications are subject to change without notice

Commodore®
AMIGA®

1200 Wilson Drive
West Chester, PA 19380

A3000•SS•1090